

AMENDMENTS TO THE CLAIMS:

Please cancel without prejudice claims 2 and 15, amend claims 1, 6, 8-14 and 16-18 and add newly written claims 19 and 20 as follows.

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A method of reading information from a signal transmitted by a transmitter, said method comprising the steps of:

providing a phased array antenna;

adjusting said phased array antenna to receive said signal, wherein said adjusting step includes the steps of:

using said phased array antenna to determine a direction of incidence of said signal on said phased array antenna; and

electronically steering said phased array antenna toward said signal; and

reading information from said received signal.

2. (cancelled)

3. (original) A method of reading information as claimed in claim 1, wherein a plurality of signals transmitted by said transmitter are incident upon said antenna and said adjusting step includes the steps of:

using said phased array antenna to determine a direction of incidence of a strongest of said signals on said phased array antenna, and electronically steering said phased array antenna to receive said strongest incident signal.

4. (original) A method of reading information as claimed in claim 1, wherein a plurality of signals transmitted by said transmitter are incident upon said antenna, said adjusting step includes the steps of:

using said phased array antenna to determine a direction of incidence of a highest quality of said signals on said phased array antenna; and electronically steering said phased array antenna to receive the incident signal of the highest quality.

5. (original) A method of reading information as claimed in claim 1, wherein the adjusting step includes the steps of;

electronically steering said phased array antenna to receive said signal from said transmitter; tracking any change in a direction of incidence of said signal; and electronically steering said phased array antenna to receive said signal from any changed direction.

6. (currently amended) A method of reading information as claimed in claim 51, wherein said signal is comprised of an information carrying period and a non-information carrying period, and said steps of tracking and steering are performed substantially during said non-information carrying period of said signal.

7. (original) A method of reading information as claimed in claim 1, wherein said step of providing a phased array antenna comprises the step of providing an LC phased array antenna.

8. (currently amended) A method of reading information as claimed in claim 1, wherein said signal transmitted by said transmitter comprises a frequency modulated analog video signal, and said adjusting step includes receiving said frequency modulated analog video signal.

9. (currently amended) A method of reading information as claimed in claim 8, wherein said frequency modulated analog video signal has a frequency in the range of 12.2GHz to 12.5GHz.

10. (currently amended) A method of reading information from at least two transmitters, each of said at least two transmitters transmitting a frequency modulated analog video signal, said method comprising the steps of:

providing a phased array antenna;

electronically steering said phased array antenna to concurrently receive at the
signal transmitted by each said transmitter; and
reading information from said received at least two signals.

11 (currently amended) A method of reading information from at least two
frequency modulated analog video signals transmitted by a transmitter, said method
comprising the steps of;

providing a phased array antenna;
electronically steering said phased array antenna to concurrently receive said at
least two signals; and
reading information from said received at least two signals.

12. (currently amended) A receiver for receiving an incident frequency modulated
analog video signal, said incident signal including information therein, said receiver
comprising:

a phased array antenna, said phased array antenna comprising an antenna array of
a plurality of spatially separated antenna elements, each of said antenna elements
producing an associated electrical signal in response to said incident signal,
a phase shifter applying a phase shift to each said associated electrical signal and
producing a corresponding phase shifted electrical signal,

a phased array controller, said phased array controller controlling the phase shift applied by said phase shifters to said electrical signals, and
a combiner for combining said phase shifted electrical signals thereby producing an analog electrical output signal, wherein said applied phase shifts result in the information contained in said incident signal being output.

13. (currently amended) A receiver as claimed in claim 12, further including a signal strength monitor, said signal strength monitor measuring the strength of said analog electrical output signal.

14. (currently amended) A receiver as claimed in claim 12, further including a signal quality monitor, said signal quality monitor measuring the quality of said analog electrical output signal.

15. (cancelled)

16. (currently amended) A receiver for receiving at least two incident frequency modulated analog video signals, said incident signals including information therein, said receiver comprising:

a phased array antenna, said phased array antenna comprising an antenna array of a plurality of spatially separated antenna elements, each of said antenna elements producing associated electrical signals in response to said incident signals,

at least two phase shifters, each phase shifter applying a phase shift to each said associated electrical signals and producing corresponding phase shifted electrical signals,

a phased array controller, said phased array controller controlling the phase shift applied by said phase shifters to said electrical signals applied by said additional phase shifter; and

a combiner for combining said phase shifted electrical signals thereby producing

at least two analog electrical output signals, wherein said applied phase shifts result in the information contained in said at least two incident signals being output.

17. (currently amended) A receiver as claimed in claim 16, further including at least one signal strength monitor, said signal strength monitor measuring the strength of at least one of said at least two analog electrical output signals.

18. (currently amended) A receiver as claimed in claim 16, further including at least one signal quality monitor, said signal quality monitor measuring the quality of at least one of said two analog electrical output signals.

19. (new) A method of reading information from a frequency modulated analog video signal transmitted by a transmitter, said method comprising the steps of:

providing a phased array antenna;
adjusting said phased array antenna to receive said signal; and
reading information from said received frequency modulated analog video signal.

20. (new) A method of reading information from a video signal received by a receiver, said method comprising the steps of:

providing a phased array antenna;
adjusting said phased array antenna to receive said signal; and
reading information from said received video signal.